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**NOV 29 2004****FACSIMILE TRANSMITTAL SHEET****Fax: (248) 223-9522****Phone: (248) 223-9500****To: Examiner Kim T. Huynh****Company: USPTO****Fax No.: 703-872-9306****From: Angela M. Brunetti****Date: November 29, 2004****Your File No.: 09/774,230****Our Ref. No.: 199-1905 (VGT 0168 PUS)****Comments:** Please see attached response to Office Action dated  
October 21, 2004, Serial No. 09/774,230 for filing.  
Thank you.**Total Pages (incl. Cover sheet)** 9

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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NOV 29 2004

In re Application of:

Rollie M. Fisher, et al.

Serial No.: 09/774,230

Group Art Unit: 2112

Filed: 01/30/01

Examiner: Huynh, Kim T.

For: I/O MULTIPLEXER AND PIN CONTROLLER WITH SERIAL  
AND PARALLEL CAPABILITIES FOR MICROPROCESSOR  
BASED ENGINE CONTROL

Attorney Docket No: 199-1905 (VGT 0168 PUS)

I hereby certify that this correspondence is being transmitted via facsimile (703-872-9306) to Examiner Kim T. Huynh with the United States Patent and Trademark Office on:

November 29, 2004  
Date of Deposit

Jo Anne Croskey

  
Signature

AMENDMENT AND RESPONSE TO OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants wish to thank the Examiner for considering the present application in the Office Action dated October 21, 2004. Claims 1-9 remain in the application. It is respectfully requested the Examiner reconsider the present application in view of the remarks herein.